Job Code: 005-20-000103
Est Cost: 55.00 Lakhs

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500951

No. .....

Name of Work Improvements to Drain and Asphalting to Road in Kathigenahalli Samrudhi Area in ward

Name of Contractor or nature of Agency No. 05, Byatarayanapura Sub Division

Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Work order: BBMP/EE/BTP/WO/123/20-21 Dt 30/9/20						
Name of Contractor: M/s Shree Charan Construction, Prop Sri T.S. Kothandaraju						
1) Earthwork Excavation by manual means in ordinary soil including dis and disp. the throw up to 2m and disp. Lift up to 0.5m excavated Surface Levels and sides neatly Dressed						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	The disposed earth to be Loaded properly dressed the disposed earth to be Loaded etc Complete						
	Qty is as per measurement sheet item no 1					Qty - 1131.75 m³	
	@ Rate 131.60/m³					= 148938=00	
(2)	Removing B.S slab of Drain and stacking in c.m (1:3) complete as per specification etc complete						
	Qty is as per premeasurement sheet no 2					Qty = 1546.55	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500952

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Refixing stone slabs of Selected quality roughly dressed & fixed in c.m (1:6) including fixing Curing etc Complete						
	Qty is as per premeasurement sheet item no 3					Qty - 1546.55	
	@ Rate 76.93/m²					= 118976=00	
(4)	Providing Granite slabs of Selected quality roughly dressed & fixed in c.m (1:6) including fixing Curing etc Complete						

Scanned by CamScanner

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500953

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is as per pre measurement Sheet Item 4 @ Late 635.72/m² Qty - 660.00m² = 419576=00						
(5)	providing & laying in position P.C.C of mix 1:6:8 with 40mm nominal down size graded granite metal coarse aggregate & fine aggregate machine mixed concrete laid in layers not exceeding 15cm Like work complete etc complete Qty is as per pre measurement sheet Item 5 @ Rate 5164.75/m³ Qty - 7.81m³ = 40336=00						
(6)	providing & constructing granite/trap/basalt SSM in foundation with C.M 1:6 stone hammered dressed courses not less than 20cm high bond stones at two m apart in each courses including cost of materials etc complete Qty is as per pre measurement sheet Item No 6 @ Late 4625.53/m³ Qty - 14.88m³ = 68825=00						
(7)	providing & constructing granite/basalt SSM in basement with C.M 1:6 edges of stone chicle dressed in courses not less than 15cm high						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	hand stone at top in apart in cm course including cost of materials labour curing etc complete qty is as per previous sheet [no.] @ rate 5550.44/m³ qty - 11.16 m³ = 61943=						
(8)	providing & removing centering shuttering strutting propping etc & removal of form work for slabs & soffits of beams cantilever girders & lintels not exceeding 1m in depth including cost of all						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500954

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	materials labour etc complete qty is as per previous sheet item no 8 @ rate 295.59/m² qty - 29.32 m² = 8667=						
(9)	providing & laying in position p.c.c ratio 1:3:6 with 20mm & down size graded granite metal coarse aggregates & fine aggregates machine mixed concrete laid in layers not exceeding 15cm thick well compacted in foundation & plinth including cost of						

Scanned by CamScanner

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500955

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is as per measurement sheet dt 2.09.09 Qty = 7.07 m³ @ Rate 5374.30/m³ = 37996.02						
(10)	providing Kurb pointing to coarse stone masonry with C.M 1:3 20mm deep after raking joints to depth of 20mm nicely finishing including cost of materials labour curing etc complete Qty is as per measurement sheet dt 2.09.09 Qty = 221.80 m² @ Rate 23.60/m² = 5297.50						
(11)	providing & laying in position P.C.C of mix M20 with 20mm & down size graded granite metal coarse aggregates & fine aggregates M/c mixed exceeding 15 cm thick vibrated for all works in foundation plinth & ground floor level to roof slab retaining walls including attached plasters columns piers including cost of the materials curing etc complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is as per measurement sheet (Qty 12.75 m³) @ Rate 5729.61/m³ = 73040=00						
(12)	providing T.M.T steel reinforcement for R.C.C work including straightening cutting bending hooking placing in position lapping/welding wherever required tying with binding wire & conforming to the adjoining members wherever necessary etc complete Qty is as per pre measurement sheet						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500956

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ Rate 71838.58/T					Qty- 0.90 T = 64655=00	
(13)	providing laying spreading & compacting graded stones aggregates to wet mix macadam Specification including premixing the materials with water at one in mechanical mix plant carriage of mixed material by tipper to site laying in uniform layers with paver in sub base course on well prepared surface						

Scanned by CamScanner

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500957

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& compacting with vibratory roller to achieve 11% dry density etc complete Qty is as per previous sheet Item 13 @ Rate 911.22/m³					1169.02 m³ = 22354.25=00	
14	providing & applying primer coat @ 7.5 to 9.8 kg/m² 9.8 to 12.2 kg per 10 m² for surface of low & medium porosity respectively over prepared surface of granular base with cut backs MC-70 or any other bituminous grades with						
	diesel @ 10 kg/10 m² heated in fitted with spray etc including cost of all materials etc complete Qty is as per previous sheet Item No 14 @ Rate 34.42/m²					Qty- 5443.25 m² = 187357=00	
15	providing & laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing hot mix of specified grading using crushed aggregate						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	premixed with bituminous binder at 4% to 5% of mix & filler transporting the hot mix to work site laying with hydrostatic paver finisher with sensor control to the required grade level & alignment rolling with smooth wheeled & pneumatic tyre & tandem roller to achieve desired etc complete						
	qty is as per measurement sheet dtd no 15						
	@ Rate 6400.61/m³					Qty - 163.30 m³	
						= 1002762=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500958

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
16	Loading & unloading of stone boulders by manual means complete as per specification MORTH-10 chapter-1 etc complete						
	qty is as per measurement sheet dtd no 16						
	@ Rate 57.70/m³					Qty - 1131.75 m³	
						= 65302=00	
						= 4634987=0	
						= 556198=0	
						5191185=0	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:						
	(1) It is certified that the above work done satisfactorily.						
	(2) The above Bill Amount is not claimed any of previous Bills.						
	20/3/21		29.25 ಸು				
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24		30/3/21 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24				

M. A. R. 57 (Rule 116)
Measurement Book
No. B 500959

Asphalt Road.

erial No. .....
ame of Wprk ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
			121.00	3.00			
			121.00	3.00			
			121.00	3.00			
			121.00	3.00			
	20/3/21 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ					29 ಸು 20/3/2021 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24	

Scanned by CamScanner